

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D205-541 REV. J



REF. CANADIAN STC: SH96-120

REF. FAA STC: SR00696NY

EASA STC: EASA.IM.R.S.01242



THE PURPOSE OF THE DSI 9268-011 BASKET MODIFICATION KIT IS TO INCREASE THE VOLUME OF THE D205-541-043/-044 BASKETS. NOTE THAT D205-541-041 BASKETS MUST BE CONVERTED INTO D205-541-043/-044 PER DSI 9226 BEFORE PERFORMING THIS MODIFICATION.

TO INSTALL THE DSI 9268-011 KIT:

- 1) FOR BASKETS WITH:
 - A) PIANO HINGES: INSTALL THE DSI 9053-011 HINGE CHANGE KIT AND SEPARATE LID FROM BASE.
OR
 - B) DSI 9053-011 HINGE CHANGE KIT ALREADY INSTALLED: NO CHANGE IS REQUIRED. SEPARATE LID FROM BASE.
OR
 - C) HINGE PLATES WELDED TO LID & BASE: NO CHANGE IS REQUIRED. SEPARATE LID FROM BASE.
- 2) ATTACH LID TO D3230-041 BASKET WEDGE ASSEMBLY. MOVE D2332-041 PROP ASSEMBLY FROM BASKET BASE TO WEDGE ASSEMBLY PER FIGURE 1.
-  3) LOCATE D3230-041 BASKET WEDGE ASSEMBLY COMPLETE WITH BASKET LID ON THE EXISTING BASKET BASE. ALIGN THE BACK EDGE AND TEMPORARILY CLAMP IN PLACE.
- 4) TRANSFER LOCATION OF 1/4" ATTACHMENT HOLES FROM WEDGE TO EXISTING BASE.
- 5) REMOVE WEDGE AND DRILL Ø0.266" HOLES THROUGH THE EXISTING BASE. DEBURR HOLES.
-  6) INSTALL WEDGE USING AN4-21A BOLTS, D5225-1 SPACERS, AN960JD416 WASHERS, AND MS21042L4 NUTS PROVIDED (5 PLACES TOTAL). NOTE THAT THE BOLTS IN SOME LOCATIONS MAY HAVE TO BE INSTALLED WITH THE NUTS ON TOP BECAUSE OF CLEARANCE ISSUES. CHECK FOR PROPER LATCHING OF THE EXISTING LID WITH THE WEDGE. SHIM AS REQUIRED TO ADJUST HEIGHT OF WEDGE ASSEMBLY TO ENSURE PROPER LATCHING.
- 7) ADJUST WEIGHT AND BALANCE AS FOLLOWS:

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
DSI 9268-011	20 lb	± 63.13 in	± 1263 in-lb	132.25 in	2645 in-lb
BASKET MODIFICATION KIT	9 kg	± 1.60 m	± 14.4 m-kG	3.36 m	30 m-kG

DSI 9268-011 KIT PARTS LIST:

QTY	P/N	DESCRIPTION
X	DSI 9268-011	BASKET MODIFICATION KIT
 1	D3230-041	BASKET WEDGE ASSEMBLY
5	D5225-1	SPACER
 1	DSI 9053-011	HINGE CHANGE KIT
5	AN4-21A	BOLT
5	AN960JD416	WASHER
5	MS21042L4	NUT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

DATE: 15.02.23
CERT. NO.: SH96-120
ISSUE NO.: 3

D	ADD D5225-1 SPACER, AN4-21A BOLT WAS AN4-17A BOLT, REVISE INSTRUCTIONS TO IMPROVE FIT/FUNCTION REASON: NCR15-4557	DB	15.02.23
C	UPDATED TO CURRENT DWG STANDARDS; REVISED INSTALLATION STEP #1. CORRECTED TYPO (DSI 9053-011 WAS DSI 9052-011). REASON: REDESIGN OF D3230-041 (REF. NCR#09-010).	MB	09.02.02
B	CHANGE ORIENTATION OF WEDGE	CP	03.11.19
A	NEW ISSUE	CP	03.10.24
REV.	DESCRIPTION	BY	DATE
DESIGN	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.	N/A	DSI 9268	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BASKET MODIFICATION KIT	NTS
DATE	15.02.23	COPYRIGHT © 2003 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

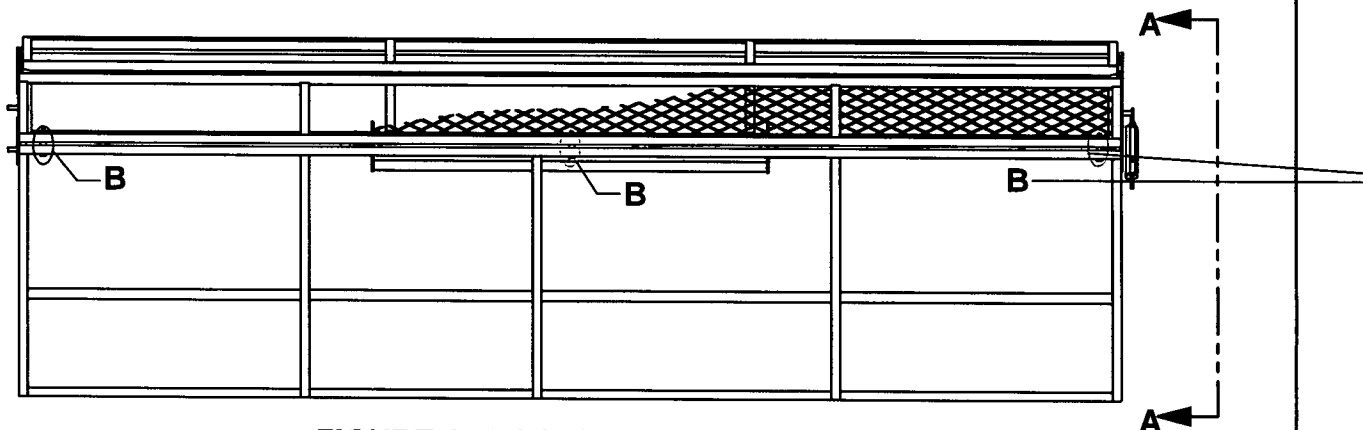
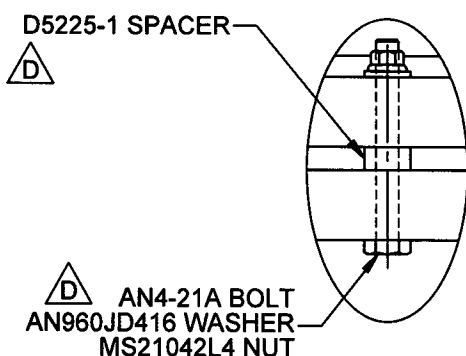
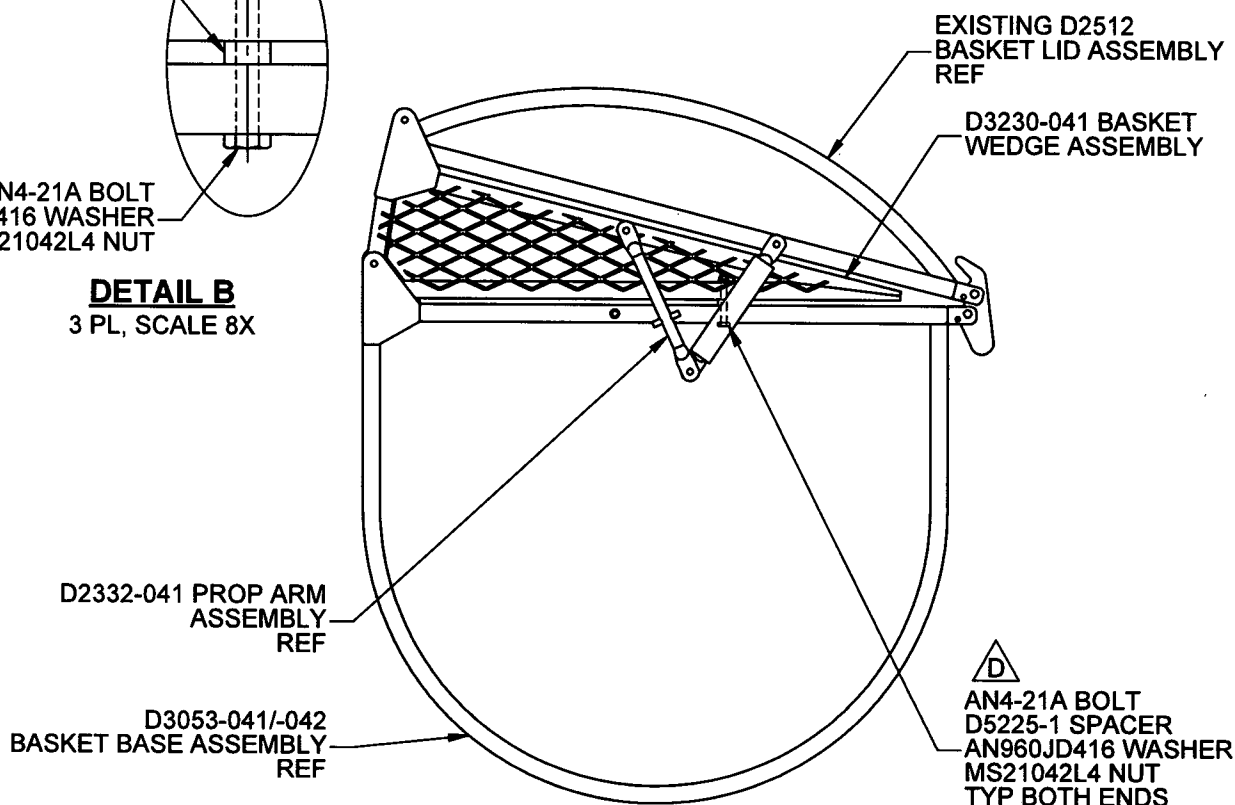


FIGURE 1 - LOOKING OUTBOARD
(MESH NOT SHOWN FOR CLARITY)



DETAIL B
3 PL, SCALE 8X



VIEW A-A
(MESH NOT SHOWN FOR CLARITY)

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MFG. APPR.	N/A	DSI 9268	SHEET 2 OF 2
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